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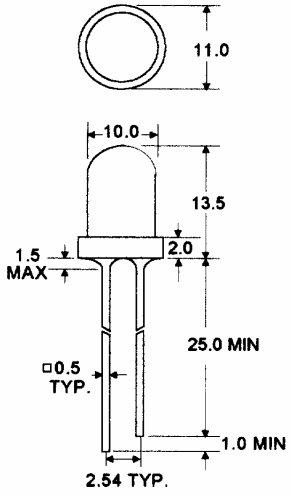
Jameco Part Number 98984

LIGITEK

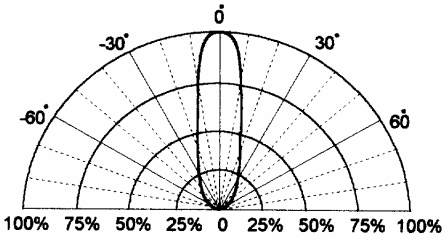
SUPER BRIGHT ROUND TYPE LED LAMPS **LVX3630** SERIES

Package Dimension



Note: All dimension are in millimeter tolerance is ±0.25mm unless otherwise noted.

Radiation



• Part Selection And Application Information (Ratings At 25°C Ambient)

PART NO	MATERIAL	COLOR		peak wave length λPnm	spectral halfwidth Δλ nm	forward voltage @20mA(v)		luminous intensity @20mA(mcd)		viewing angle 2θ 1/2 (deg)
		Emitted	Len's			Min	Max	Min	Typ.	
LSR3630	GaAlAs	Red	Red Diffused	660	20	1.5	2.4	50	100	32
LHR3630	GaAlAs	Red	Red Diffused	660	20	1.5	2.4	120	200	32
LUR3630	GaAlAs	Red	Red Diffused	660	20	1.5	2.4	300	500	32
LVG3630	GaP	Green	Green Diffused	565	30	1.7	2.8	25	40	32
LVY3630	GaAsP/GaP	Yellow	Yellow Diffused	585	35	1.7	2.8	18	30	32
LUY3630	AlGaInP	Yellow	Yellow Diffused	595	15	1.7	2.8	300	500	32

• Absolute Maximum Rating (Ta=25°C)

PARAMETER	RED			GREEN		YELLOW			ORANGE		UNIT	REMARK
	SR	HR	UR	VG		VY		UY				
Forward Current	40	40	40	30		20		50			mA	
Peak Current Duty 1/10 @1Khz	200	200	200	120		80		200			mA	
Power Dissipation	80			100		60		100			mW	
Reverse Current @5V	10			10		10					μA	
Operating Temperature	-40°C TO +85°C											
Storage Temperature	-40°C TO +100°C											

Lead Soldering Temperature 260°C For 5 Seconds (2.0mm From Body)

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